

ELECTRON SOURCE AND CABLE FOR X-RAY TUBES

Abstract of Disclosure

A system and method for providing pulsed power application for an x-ray tube that comprises an x-ray tube having an anode and cathode; and a power supply adapted to provide an anode-to-cathode gap accelerating potential and photons, wherein the gap voltage and photons are pulsed and received by the x-ray tube via a single cable from the power supply resulting in a pulsed x-ray radiation.

Figures